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Sir:

This letter accompanies a new patent application of Joseph Pugach and Thomas E. Hewitt III entitled "**Conversion of CO to CO<sub>2</sub>**" comprising fourteen (14) pages of text including fifteen (15) claims and an abstract.

### **Preliminary Amendment**

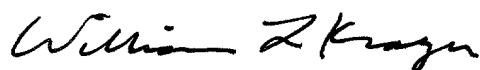
Please amend claim 7 in the above identified application as follows:

7. Method of claim 1 wherein said gold is present in said catalyst as 0.25% to 10% by weight of said iron oxide.

This amendment corrects an obvious inadvertent omission from claim 7. Claim 7 on the original page 12 contains a handwritten insertion and the initials "JP," which are the initials of inventor Joseph Pugach, who made the insertion while discussing it with inventor Hewitt at the time they signed the application papers.

A new page 12 reflecting the above amendment is included herewith.

Respectfully submitted,



William L. Krayer

5. Method of claim 1 wherein said pH is maintained at 7.5-8.5.
6. Method of claim 1 wherein said pH is maintained at 7.8-8.2.
- 5 7. Method of claim 1 wherein said gold is present in said catalyst as 0.25% to 10% by weight of said iron oxide.
8. Method of claim 7 wherein said gold is present in said catalyst as 1% to 3% by weight of said iron oxide.
- 10 9. Method of claim 1 wherein said alkali metal base is sodium carbonate.
- 15 10. Method of claim 1 wherein said mixture of gases comprises 200ppm to 20,000ppm carbon monoxide and at least 10% carbon dioxide.
11. Method of claim 1 wherein said catalyst has a size range of 1mm to 1.4mm.
- 20 12. Method of oxidizing CO in a mixture of gases including oxygen at least 65% hydrogen and wherein said CO is present in an amount from 200ppm to 20,000ppm, said gas also containing methane, comprising passing said mixture of gases through a catalyst bed comprising a particulate catalyst made by (a) preparing an aqueous iron/gold solution comprising an iron
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